





Hanson C, Kujala S, Waiswa P, Marchant T, Schellenberg J

WHO theme issue on measuring qualityof-care in the context of sustainable development goal 3.





Background and Methods

Home visits by community health workers to prevent neonatal deaths in developing countries: a systematic review

Siddhartha Gogia^a & Harshpal Singh Sachdev^a

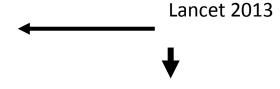


Bull WHO 2010

Effect of the Newhints home-visits intervention on neonatal mortality rate and care practices in Ghana: a cluster randomised controlled trial

Betty R Kirkwood, Alexander Manu, Augustinus H A ten Asbroek, Seyi Soremekun, Benedict Weobong, Thomas Gyan, Samud Danso, Seeba Amenga-Eteao, Charlotte Tawiah-Aqyemana, Seth Owusu-Aqyei, Zelee Hill

Exclusion of 3 non-randomized trials





2009: WHO proposes postpartum home visits because meta analyses suggest 45% reduction in neonatal mortality

Women's groups practising participatory learning and action to improve maternal and newborn health in low-resource settings: a systematic review and meta-analysis

Audrey Prost, Tim Colbourn, Nadine Seward, Kishwar Azad, Airi Coomarasamy, Andrew Copas, Tanja A J Houwding, Edward Fottrall,
Abdul Kuddus, Sonia Lewycka, Christine MacArthur, Dharma Manandhar, Joanna Monrison, Charles Mwansambo, Nirmd a Nair, Bejoy Nambiar,
David Osrin, Christina Pagel, Tambosi Phiri, Anni-Maria Pulkki-Brännström, Mikey Rosato, Jolene Skordis-Worrall, Naomi Saville,
Neena Shah More, Bhim Strestha, Prasanta Tripathy, Amie Wilson, Anthony Costello



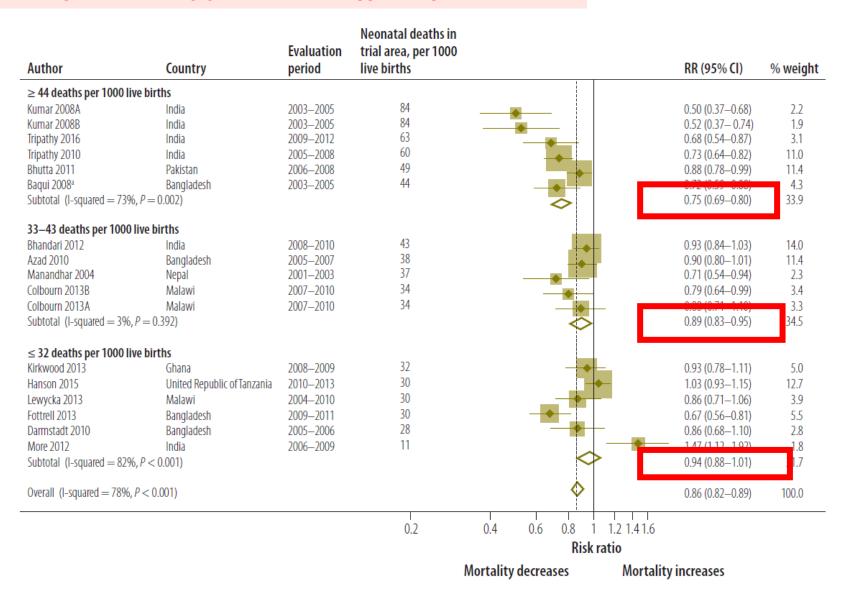
Lancet 2013

- + Hanson et al. PLoS Med 2015
- + Tripathy et al Lancet GH 2016

7 papers / 8 trials on home-based counselling 8 papers / 9 trials using women's groups

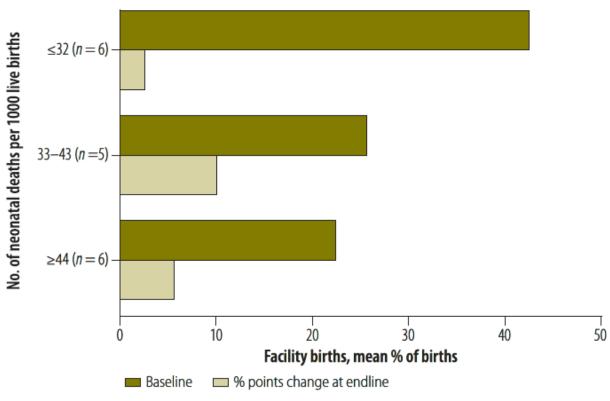
Result

How does the effect of community-based approaches differ by context?



Can the difference be explained by factors on the pathway of proposed effects? Does the health system or quality of care explain differences?

Fig. 8. Mean baseline and changes in proportion of women delivering in a facility, by neonatal mortality in trial area



Note: Facility birth was defined in all studies as the percentage of births in a health-care facility. *n* is the number of trials.

The density of facilities varied from 17 per 100,000 (Tanzania) to 2 per 100,000 population (Haryana state, India)

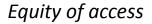
	Stratification variable	No. of trials or trial arms	RR (95% CI) random effects model	Tests for heterogene- ity /², %	
	Density of facilities in study area, no. per 100 000 population				
)	≤ 8	5	0.84 (0.78-0.90)	74	
	>9	4	0.95 (0.88-1.04)	48	
	Density of nurses and midwives in study area, no. per 1000 population				
	≤ 0.4	4	0.85 (0.79-0.92)	87	
	> 0.4	2	0.86 (0.73-0.99)	0	

Discussion

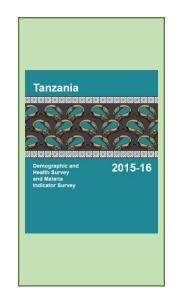
What are the implications for quality of care and measuring quality of care?

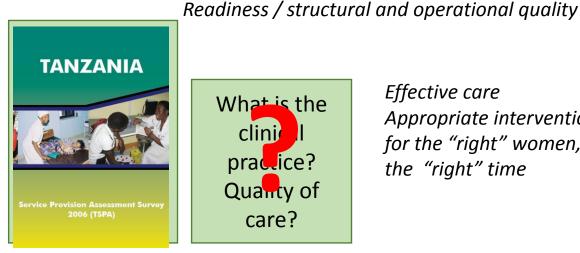
The context is different and rapidly changing!

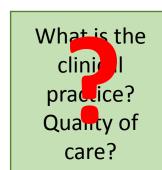
Measures reflecting the steps in the implementation pathway are needed, otherwise our interventions might miss the point











Effective care Appropriate intervention for the "right" women, at

the "right" time

How can community action support the delivery and measurement of good quality of care?

Complementing

Supporting?



Strengthening?



Accountability?